

This listing of claims will replace all prior versions, and listings, of claims in this application.

Listing of the claims:

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Claims 1-43 (previously cancelled).

44. (Currently Amended) A composition comprising ~~at least three of the following~~:

(a) a an isolated protein having the amino acid sequence of SEQ ID NO:2 or a fragment of SEQ ID NO:2, wherein said protein or fragment when combined with (b) and (c) confers resistance to glycopeptides in Gram-positive bacteria;

(b) a an isolated protein having the amino acid sequence of SEQ ID NO:6 or a fragment of SEQ ID NO:6, wherein said protein or fragment when combined with (a) and (c) confers resistance to glycopeptides in Gram-positive bacteria; and

61 (c) a an isolated protein or protein fragment selected from the group consisting of a protein having the amino acid sequence of SEQ ID NO:4, a fragment of SEQ ID NO:4, a protein having the amino acid sequence of SEQ ID NO:25, and a fragment of SEQ ID NO:25, wherein said protein or protein fragment when combined with (a) and (b) confers resistance to glycopeptides in Gram-positive bacteria;

wherein the composition confers resistance to glycopeptides in Gram-positive bacteria.

45. (Currently Amended) The composition of Claim 44, which comprises the isolated protein having the amino acid sequence of SEQ ID NO:2, the isolated protein having the amino acid sequence of SEQ ID NO:6, and the isolated protein having the amino acid sequence of SEQ ID NO:4.

46. (Currently Amended) The composition of Claim 44, which comprises the isolated protein having the amino acid sequence of SEQ ID NO:2, the isolated protein having the amino acid sequence of SEQ ID NO:6, and the isolated protein having the amino acid sequence of

SEQ ID NO:25.

47. (Currently Amended) A composition comprising ~~at least three of the following~~:

(a) a an isolated protein encoded by a nucleotide sequence that hybridizes to SEQ ID NO:17, or a protein encoded by a nucleotide sequence that hybridizes to SEQ ID NO:3, wherein said protein when combined with (b) and (c) confers resistance to glycopeptides in Gram-positive bacteria;

(b) a an isolated protein encoded by a nucleotide sequence that hybridizes to SEQ ID NO:1, wherein said protein when combined with (a) and (c) confers resistance to glycopeptides in Gram-positive bacteria; and

61 (c) a an isolated protein encoded by a nucleotide sequence that hybridizes to SEQ ID NO:5, wherein said protein when combined with (a) and (b) confers resistance to glycopeptides in Gram-positive bacteria;

wherein the hybridization conditions are under high stringency conditions or slightly stringent conditions, wherein the high stringency conditions comprise hybridization overnight at 65°C in a solution containing 0.1% SDS, 0.7% skim milk powder, 6X SSC and washing at 65°C in 2X SSC, and 0.1 % SDS and wherein said slightly stringent conditions comprise hybridization at overnight at 60°C in a solution containing 0.1% SDS, 0.7% skim milk powder, 6X SSC and washing at 45°C in 2X SSC, and 0.1 % SDS.

48. (Currently Amended) The composition of Claim 47, which comprises the isolated protein encoded by the nucleotide sequence that hybridizes to SEQ ID NO:17, the isolated protein encoded by the nucleotide sequence that hybridizes to SEQ ID NO:1; and the isolated protein encoded by the nucleotide sequence that hybridizes to SEQ ID NO:5.

49. (Currently Amended) The composition of Claim 47, which comprises the isolated protein encoded by the nucleotide sequence that hybridizes to SEQ ID NO:3, the isolated

protein encoded by the nucleotide sequence that hybridizes to SEQ ID NO:1; and the isolated protein encoded by the nucleotide sequence that hybridizes to SEQ ID NO:5.

50. (New) A method of preparing a composition comprising mixing

(a) an isolated protein having the amino acid sequence of SEQ ID NO:2 or a fragment of SEQ ID NO:2, wherein said protein or fragment when combined with (b) and (c) confers resistance to glycopeptides in Gram-positive bacteria;

61 (b) an isolated protein having the amino acid sequence of SEQ ID NO:6 or a fragment of SEQ ID NO:6, wherein said protein or fragment when combined with (a) and (c) confers resistance to glycopeptides in Gram-positive bacteria; and

(c) an isolated protein or protein fragment selected from the group consisting of a protein having the amino acid sequence of SEQ ID NO:4, a fragment of SEQ ID NO:4, a protein having the amino acid sequence of SEQ ID NO:25, and a fragment of SEQ ID NO:25, wherein said protein or protein fragment when combined with (a) and (b) confers resistance to glycopeptides in Gram-positive bacteria;

wherein the composition confers resistance to glycopeptides in Gram-positive bacteria.

51. (New) The method of Claim 50, which comprises mixing the protein having the amino acid sequence of SEQ ID NO:2, the protein having the amino acid sequence of SEQ ID NO:6, and the protein having the amino acid sequence of SEQ ID NO:4.

52. (New) The method of Claim 50, which comprises mixing the isolated protein having the amino acid sequence of SEQ ID NO:2, the isolated protein having the amino acid sequence of SEQ ID NO:6, and the isolated protein having the amino acid sequence of SEQ ID NO:25.

53. (New) A method of preparing a composition comprising mixing:

(a) an isolated protein encoded by a nucleotide sequence that hybridizes to SEQ ID

NO:17, or a protein encoded by a nucleotide sequence that hybridizes to SEQ ID NO:3, wherein said protein when combined with (b) and (c) confers resistance to glycopeptides in Gram-positive bacteria;

(b) an isolated protein encoded by a nucleotide sequence that hybridizes to SEQ ID NO:1, wherein said protein when combined with (a) and (c) confers resistance to glycopeptides in Gram-positive bacteria; and

(c) an isolated protein encoded by a nucleotide sequence that hybridizes to SEQ ID NO:5, wherein said protein when combined with (a) and (b) confers resistance to glycopeptides in Gram-positive bacteria;

61 wherein the hybridization conditions are under high stringency conditions or slightly stringent conditions, wherein the high stringency conditions comprise hybridization overnight at 65°C in a solution containing 0.1% SDS, 0.7% skim milk powder, 6X SSC and washing at 65°C in 2X SSC, and 0.1 % SDS and wherein said slightly stringent conditions comprise hybridization at overnight at 60°C in a solution containing 0.1% SDS, 0.7% skim milk powder, 6X SSC and washing at 45°C in 2X SSC, and 0.1 % SDS.

54. (New) The method of Claim 53, which comprises mixing the isolated protein encoded by the nucleotide sequence that hybridizes to SEQ ID NO:17, the isolated protein encoded by the nucleotide sequence that hybridizes to SEQ ID NO:1; and isolated the protein encoded by the nucleotide sequence that hybridizes to SEQ ID NO:5.

55. The method of Claim 53, which comprises mixing the isolated protein encoded by the nucleotide sequence that hybridizes to SEQ ID NO:3, the isolated protein encoded by the nucleotide sequence that hybridizes to SEQ ID NO:1; and the isolated protein encoded by the nucleotide sequence that hybridizes to SEQ ID NO:5.

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